BS offer a comprehensive range of stainless steel solenoid valves ranging from the smallest low pressure pneumatic 2 position 2 way valves to the largest 1” directional valves for use with high pressure liquids. With designs for topside and subsea, an extensive options kit and our renowned ability to create bespoke designs, BS can supply a solenoid valve for nearly every application.

Direct acting valves in which the valve element is moved directly by the solenoid thruster are an ideal choice for low pressure or low flow applications.

The BS range includes options for manual override, manual reset, many connector types and voltages, including Ex d and Ex emb hazardous area options with power consumption as low as 3 watts.

Pilot operated solenoid valves can be used to control much higher flows and more complicated directional control valve configurations by utilising a direct acting valve as a pilot element to operate a much larger or higher pressure main stage directional valve.

Pilot valves fitted with high capacity filtration to 40 microns as standard for industry leading contamination resistance

SIL3 capability for safety critical applications


